

11.ABSTRACT

The invention relates to a method for carbon nanotube emitter surface treatment, which is used to increase the number of carbon nanotube exposed on the triode structure device. For advancing the current density and magnitude of CNT emitter, the invention uses a method of casting surface treatment on the CNT emitter including the steps of coating an adhesive material on the surface of device; heating the adhesive material for adhibitting the surface; and lifting the adhesive material off.